Abraham Hamitou

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EDUCATION

Florida Atlantic University	April 2022 - December 2025
MS in Information Technology Management - Cybersecurity, (GPA: 4.00/4.00)	*Boca Raton, FL*
Florida Atlantic University	April 2022 - December 2024
BA in Computer Science - Artificial Intelligence, 4 + 1	*Boca Raton, FL*

SKILLS

Languages/Frameworks: Java, Python, JavaScript, CSS, HTML, SQL
Technologies: Mockito, Git, Illustrator, Figma, Firebase, React, Node.js, Jira, Scrum
Coursework: Data Structures and Algorithms, IT Mgmt Info Systems, Operating Systems, Distributed Systems

WORK EXPERIENCE

Florida Atlantic University — August 2023 - Present
Systems Specialist PT — *Boca Raton, Florida*

- Managed project priorities and troubleshooted IT systems, with a focus on MS, ensuring seamless operations across diverse projects.
- Implemented virtualization and cloud technologies using Hypervisor and VMware, resulting in a 15% reduction in hardware costs.
- Optimized ticket management efficiency by assisting in configuring RT5 with Linux and JavaScript, significantly enhancing system performance and resolving 95% of tickets within 24 hours.

Amazon Web Services — April 2023 - August 2023
Software Development Engineer Intern — *Seattle, WA*

- Developed and deployed scalable AWS solutions utilizing EC2, Lambda, S3, and RDS to support a 30% increase in user traffic without compromising performance.
- Engineered efficient Java microservices in collaboration with a cross-functional team, improving application response time by 25%.
- Leveraged ML with SageMaker to reduce latency by 20%, enhancing user experience and system performance.
- Ensured code quality and reliability through rigorous unit testing with Mockito, preventing production issues.
- Created and implemented a resource optimization API for AWS EC2, improving resource allocation by 10%.
- Accelerated report generation by automating metric processing and uploads to Amazon S3, reducing processing time by 40%.

PROJECTS

Hospital Management System | *Java, SQL* — December 2023 - June 2024

- Developed a full-stack hospital management system using Java with a focus on modular architecture for appointment scheduling, patient management, and doctor coordination.
- Applied the Model-View-Controller (MVC) pattern, decoupling business logic, data handling, and user interface components, allowing for streamlined maintenance and scalability.
- Leveraged threading and concurrency in the backend processes to allow real-time appointment scheduling and patient-doctor coordination, ensuring the system can handle multiple users simultaneously without performance bottlenecks.

Impul$ive | *JavaScript, Figma* — February 2023 - February 2023

- Led my team to earn two awards at TechTogether hackathon for "Impulsive," a web app enhancing personal finance.
- Developed an AI-driven solution predicting spending habits and offering personalized financial insights.
- Integrated Google Authenticator via Firebase JavaScript SDK and Microsoft Azure for secure data handling.
- Designed UI/UX in Figma, featuring dynamic stock charts and streamlined user interactions. Built calendar integration, recurring charge management, and sale notifications for enhanced usability.

CERTIFICATIONS

Project Management Professional Certificate by Google - 2024